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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Yoav KIMCI

Serial No.:

10/533,568

Filed:

May 3, 2005

For:

APPARATUS AND METHODS FOR IMAGING

AND ATTENUATION CORRECTION

Examiner:

unknown

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Group Art Unit: 2878

Attorney

Docket: 29684

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

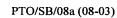
This Supplemental Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

Martin D. Moynihan

Registration No. 40,338

Dated: August 10, 2006



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		Substitute for form 1449A	PTO		Application Number Complete if K Application Number 10/5		Known /533,568	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date		May 3, 2005		
					Yoav KIMCHY et al			
				First Named Inventor				
				Art Unit 2878		3		
				Examiner Name unknown		nown		
Sheet		1	of 3		Attorney Docket Number	2968	34	
			II S DA	TENT	DOCUMENTS	<u> </u>		
Examiner	Cite	Document Number	Publication		Name of Patentee or		Pages, Columns, Lines, Where	
Initials*	No. ¹	Number-Kind Code ² (if known)	MM-DD-YYYY 07-17-2001		Applicant of Cited Document Xu et al.		Relevant Passages or Relevant Figures Appear	
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	3	US-5,716,595	02-10-1998		Goldenberg			
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	1	1	1		1		1	

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Complete if Known 449A/PTO Application Number 10/533,568 SUPPLEMENTAL INFORMATION Filing Date May 3, 2005 **DISCLOSURE** First Named Inventor Yoav KIMCHY et al STATEMENT BY APPLICANT Art Unit 2878 (use as many sheets as necessary) Examiner Name unknown Attorney Docket Number 2 29684 29684 Sheet 3 **U.S. PATENT DOCUMENTS** Publication Date Cite No. Name of Patentee or Examiner Document Number Pages, Columns, Lines, Where MM-DD-YYYY Initials* Relevant Passages or Relevant Applicant of Cited Document Figures Appear Number-Kind Code^{2 (if known)}

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	Foreign Patent Documents Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6	
	37	PCT WO 02/058531	01-1-2002	Kimchy et	al.			
	38	PCT WO 02/16965	02-28-2002	Kimchy et	al.			
	39	PCT WO 2004/042546	05-21-2004	Kimchy et	al.			
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Complete if Known Substitute for form 1449A/PTO Application Number 10/533,568 SUPPLEMENTAL INFORMATION DISCLOSURE Filing Date May 3, 2005 STATEMENT BY APPLICANT First Named Inventor Yoav KIMCHY et al (use as many sheets as necessary) Group Art Unit 2878 **Examiner Name** unknown 3 Attorney Docket Number 29684 Sheet 3 of OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite Examiner item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), T^2 No.1 Initials publisher, city and/or country where published. 40 Rajshekhar "Continuous Impedence Monitoring During CT-Guided Stereotactic Surgery: Relative Value in Cystic and Solid Lesions", British Journal of Neurosurgery, 6: 439-444, 1992. Bromiley et al. "Attenuation Correction in PET Using Consistency Conditions and A 41 Three-Dimensional Template", IEEE Transactions on Nuclear Science, 48(4): 1371-1377, 2001. P.1376, Col.2, § 2. 42 Hayakawa et al. "A PET-MRI Registration Technique for PET Studies of the Rat Brain", Nuclear Medicine & Biology, 27: 121-125, 2000. P.121, Col.1. 43 Lavallée et al. "Building A Hybrid Patient's Model for Augmented Reality in Surgery: A Registration Problem", Computing in Biological Medicine, 25(2): 149-164, 1995. P.149-150. 44 Kojima et al. "Quantitative Planar Imaging Method for Measurement of Renal Activity by Using A Conjugate-Emission Image and Transmission Data", Medical Physics, 27(3): 608-615, 2000. P.608. 45 Pardridge et al. "Tracer Kinetic Model of Blood-Brain Barrier Transport of Plasma Protein-Bound Ligands", Journal of Clinical Investigation, 74: 745-752, 1984. 46 Reutter et al. "Direct Least Squares Estimation of Spatiotemporal Distributions From Dynamic SPECT Projections Using A Spatial Segmentation and Temporal B-Splines", IEEE Transactions on Medical Imaging, 19(5): 434-450, 2000. 47 Huesman et al. "Kinetic Parameter Estimation From SPECT Cone-Beam Projection Measurements", Physics in Medicine and Biology, 43(4): 973-982, 1998. 48 Reutter et al. "Kinetic Parameter Estimation From Attenuated SPECT Projection Measurements", IEEE Transactions on Nuclear Science, 45(6): 3007-3013, 1998. 49 Garcia et al. "Accuracy of Dynamic SPECT Acquisition for Tc-99m Teboroxime Myocardial Perfusion Imaging: Preliminary Results", American College of Cardiology, 51st Annual Scientific Session, Atlanta, Georgia, USA, 8 P., 2002.

Signature	Considered	

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